

AMENDMENTS TO THE CLAIMS

Claim 1 (Currently Amended) An access control device for controlling an access from a resource use device to a resource providing device for using a resource provided by the resource providing device; ~~device~~, the access control device comprising:

a communication unit ~~for communicating that communicates~~ with the resource use device and the resource providing device;

an access permission unit ~~for instructing that instructs~~ the resource providing device via the communication unit to permit an access from the resource use device;

a storage unit ~~for storing that stores~~ information on the resource use device which has been permitted to access the resource providing device by the access permission unit as management information;

an existence check unit ~~for checking that checks~~ a communication state with the resource use device, ~~the management information~~ of which the management information is stored in the storage unit, via the communication unit; and

an access discard unit ~~for instructing that instructs~~ the resource providing device via the communication unit to reject an access from the resource use device, ~~communication with which~~ communication is determined to be disconnected by the existence check unit.

Claim 2 (Currently Amended) An access control device according to claim 1, wherein the access discard unit deletes the information on the resource use device, ~~communication with~~ which communication is determined to be disconnected, from the storage unit.

Claim 3 (Currently Amended) An access control device according to claim 1, wherein the information on the resource use device ~~is~~ includes information for identifying that identifies the resource use device.

Claim 4 (Currently Amended) An access control device according to claim 1, wherein the information on the resource use device includes information ~~for identifying that identifies the~~ resource use device and information ~~for identifying that identifies the~~ resource providing device ~~for accepting that accepts~~ an access from the resource use device.

Claim 5 (Currently Amended) An access control device according to claim 3, wherein the information on the resource use device includes information on a command issued by the resource use device when accessing the resource providing device.

Claim 6 (Currently Amended) An access control device according to claim 1, wherein the access permission unit notifies the resource providing device, via the communication unit, of the information on the resource use device to be permitted to access, ~~via the communication unit~~.

Claim 7 (Currently Amended) An access control device according to claim 1, wherein the access discard unit notifies the resource providing device, via the communication unit, of the information on the resource use device, ~~communication with which communication is~~ determined to be disconnected, ~~disconnected, via the communication unit~~.

Claim 8 (Currently Amended) An access control device according to claim 1, further comprising an existence check response unit ~~for responding that responds~~ to the resource providing device via the communication unit when ~~receiving~~ a communication state check request from the resource providing device is received via the communication unit.

Claim 9 (Currently Amended) An access control device according to claim 1, ~~wherein~~ wherein the communication unit communicates with the resource use device via wireless-~~communication; and communication of which~~ a communication range ~~by the wireless-communication~~ is limited to a predetermined range.

Claim 10 (Currently Amended) A resource providing device for accepting an access from a resource use device permitted to access by an access control device and providing a resource, the resource providing device comprising:

a communication unit ~~for communicating that communicates~~ with the access control device and the resource use device;

a storage unit ~~for storing that stores~~ information on the resource use device ~~intended by an instruction given by the access control device via the communication unit as management information; device, based on an instruction given by the access control device via the communication unit, as management information, the information on the resource use device including information that identifies the resource use device and that identifies the access control device which has permitted the resource use device to access;~~

an access permission unit ~~for permitting that permits~~ an access from the resource use device, ~~the management information of which~~ the management information is stored in the

storage unit;

an existence check unit ~~for checking that checks~~ a communication state with the access control device via the communication unit; and

an access rejection unit ~~for rejecting that rejects~~ an access from the resource use device which has been permitted to access by the access control device, ~~communication with which~~ communication is determined to be disconnected by the existence check ~~unit~~, unit;
~~— wherein the information on the resource use device includes information for identifying the resource use device and information for identifying the access control device which has permitted the resource use device to access.~~

Claim 11 (Currently Amended) A resource providing device according to claim 10, wherein the access rejecting unit deletes the information on the resource use device, ~~from the storage unit, which has been~~ permitted to access by the access control device, ~~communication with which communication~~ is determined to be ~~disconnected~~, ~~disconnected, from the storage unit.~~

Claims 12-13 (Canceled)

Claim 14 (Currently Amended) A resource providing device according to claim 10, wherein the information on the resource use device further includes information on a command issued by the resource use device when accessing the resource providing device.

Claim 15 (Currently Amended) A resource providing device according to claim 10, wherein ~~when instructed by the access control device via the communication unit to reject an access from the resource use device;~~ the access rejecting unit rejects an access from the resource use device ~~intended by the instruction;~~ based on the instruction given by the access control device via the communication unit to reject an access from the resource use device.

Claim 16 (Currently Amended) A resource providing device according to claim 15, wherein the access rejecting unit deletes the information on the resource use device ~~intended by the instruction~~ from the storage unit.

Claim 17 (Currently Amended) A resource providing device according to claim 10, wherein:
the communication unit communicates with the access control device via wireless ~~communication;~~ and communication of which a communication range ~~by the wireless communication~~ is limited to a predetermined range.

Claim 18 (Currently Amended) An access control system comprising:
a resource providing device ~~for providing that provides~~ a resource;
a resource use device ~~for accessing that accesses~~ the resource; and
an access control device ~~for controlling that controls~~ an access by the resource use device;
~~wherein:~~ wherein the access control device includes:

a communication unit ~~for communicating that communicates~~ with the resource use device and the resource providing ~~device;~~ device,

an access permission unit ~~for instructing that instructs~~ the resource

providing device via the communication unit to permit an access from the resource use device;
device.

a storage unit ~~for storing that stores~~ information on the resource use device
permitted to access the resource providing device by the access permission unit as management-
~~information; information.~~

an existence check unit ~~for checking that checks~~ a communication state
with the resource use device, ~~the management information~~ of which the management information
is stored in the storage unit, via the communication unit; and

an access discard unit ~~for instructing that instructs~~ the resource providing
device via the communication unit to reject an access from the resource use device,
~~communication~~ with which communication is determined to be disconnected by the existence
check unit; and

the resource providing device includes:

a resource providing communication unit ~~for communicating that~~
communicates with the access control device and the resource use ~~device; device.~~

a resource providing storing unit ~~for storing that stores~~ information on the
resource use ~~device intended by the instruction given by the access control device via the~~
~~resource providing communication unit as management information; device, based on an~~
instruction given by the access control device via the resource providing communication unit, as
management information.

a resource access permission unit ~~for permitting that permits~~ an access
from the resource use device, ~~the management information~~ of which the management
information is stored in the resource providing storage ~~unit; unit.~~

a resource providing existence check unit ~~for checking that checks~~ a communication state with the access control device via the resource providing communication unit; unit, and

an access rejection unit ~~for rejecting that rejects~~ an access from the resource use device which has been permitted to access the resource providing unit by the access control device, ~~communication~~ with which communication is determined to be disconnected by the resource providing existence check unit, and that rejects an access from the resource use device ~~intended by~~ based on the instruction given by the access control device via the resource providing communication unit.

Claim 19 (Previously Presented) An access control device according to claim 4, wherein the information on the resource use device includes information on a command issued by the resource use device when accessing the resource providing device.